

Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 20012  
Application ID: 10065787  
Title of Invention: Compressed Seal for a Movable Joint  
First Named Inventor: David Bettinger  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2002-11-19  
Submission Type: Utility Patent Filing  
Filing Type: new-utility  
Confirmation Number: 0  
Attorney Docket Number: NONE  
Digital Certificate Holder: cn=David S. Bettinger, ou=Independent Inventors, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S. Government, c=US  
Certificate Message Digest: JFEIZfV+c9giLXWOPBq7Lg==  
Total Fees Authorized: \$510.0  
Payment Category: CC - Credit Card  
Credit Card Number: \*\*\*\*\*4838  
Expiration Date: 09302004  
Card Holder Name: David Bettinger  
RAM User ID: EFSPROD  
RAM Accounting Date: 2002-11-19  
RAM Sequence Number: 567372  
RAM Payment Status: RAM success  
Postal Code: 48138

Electronic Version 1.0.3  
 Stylesheet Version: 1.0  
 Submission Type: **Utility Patent Filing**

**First Named Inventor: Mr. David S. Bettinger**

Name: Mr. David S. Bettinger

Electronic Signature Mark: Mr. David S. Bettinger

Date Signed: 20021119

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

|                  |                        |
|------------------|------------------------|
| bibd-transmittal | CompressedSealapds.xml |
| fee-transmittal  | CompressedSealfee.xml  |
| specification    | CompressedSeal4.xml    |

**Comments:**

1

| Number of hauls | Y. affinis (%) | Y. affinis + Y. affinis (%) |
|-----------------|----------------|-----------------------------|
| 1               | 100            | 100                         |
| 2               | 50             | 50                          |
| 3               | 33             | 33                          |
| 4               | 25             | 25                          |
| 5               | 20             | 20                          |
| 6               | 17             | 17                          |
| 7               | 14             | 14                          |
| 8               | 12             | 12                          |
| 9               | 11             | 11                          |
| 10              | 10             | 10                          |

1. *Chlorophyll a* (Chl *a*)

Figure 1. Schematic representation of the experimental design. The subjects were divided into two groups: the control group and the experimental group. The control group was divided into two subgroups: the control group and the experimental group. The experimental group was divided into two subgroups: the control group and the experimental group.

# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Small Entity

Independent Inventor

**TOTAL FEES AUTHORIZED: \$ 510**

## BANK (CREDIT) CARD INFORMATION:

Credit Card Number: 4838  
 Expiration Date: 20040930  
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## BASIC FILING FEE

| Fee Description    | Fee Code | Fee Paid |
|--------------------|----------|----------|
| Utility Filing Fee | 2001     | \$ 370   |

Subtotal For Basic Filing Fee: \$ 370

## EXTRA CLAIM FEES

|                           | Fee Code | Fee    | Extra Claims | Fee Paid |
|---------------------------|----------|--------|--------------|----------|
| Total Claims: 8           | 2202     | \$ 9   | 0            | \$ 0     |
| Independent Claims: 1     | 2201     | \$ 42  | 0            | \$ 0     |
| Multiple Dependent Claims | 2203     | \$ 140 |              | \$ 140   |

Subtotal For Extra Claims Fees: \$ 140

# APPLICATION DATA SHEET

Electronic Version 0.0.11

Stylesheet Version: 1.0

Publication Filing Type: new-utility

Application Type: utility

Title of Invention: Compressed Seal for a Movable Joint

Customer Number Correspondence Address: 26878



## INVENTOR(s):

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